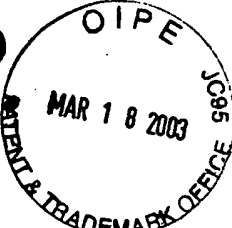


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PTO/SB/21 (08-00)

Approval for use through 10/31/2002. OMB 0651-0031

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/918,359	
	Filing Date	Jul 30, 2001	
	First Named Inventor	Turner, Jr., C. Alexander	
	Group Art Unit	1646	
	Examiner Name	J. Murphy	
Total Number of Pages in This Submission	30	Attorney Docket Number	LEX-0208-USA

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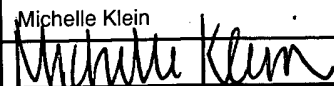
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<input checked="" type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
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<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
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<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Lexicon Genetics Incorporated Lance K. Ishimoto Reg. No. 41,866	 24231 PATENT TRADEMARK OFFICE
Signature	Lance K. Ishimoto by David W. Habler DAVID W. HABLER REG. NO. 41,071	
Date	March 12, 2003	

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Arlington, VA 22202 on this date: March 12, 2003			
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Turner Jr. *et al.* (As Amended) Group Art Unit: 1646
Application No.: 09/918,359 Examiner: J. Murphy
Filed: 07/30/2001 Atty. Docket No.: LEX-0208-USA
Title: Human Ion Channel Proteins and Polynucleotides
Encoding the Same (As Amended)

AMENDMENT AND RESPONSE TO OFFICE ACTION
DATED DECEMBER 13, 2002

Assistant Commissioner for Patents
Arlington, VA 22202

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Sir:

Applicants acknowledge the receipt of the Office Action ("the Action") mailed on December 13, 2002 (Paper No. 8), which has been carefully reviewed and studied. The Examiner is respectfully requested to enter the following amendments. Reexamination and reconsideration of the application is requested in view of the following amendments and remarks. In order to facilitate the Examiner's evaluation of the application, Applicants have attempted to address the objections and rejections in Paper No. 8 in the same order in which they were originally raised.

The response is timely filed. Applicants believe no fees are due in connection with this response. However, the Commissioner is authorized to charge any required fees or credit any overpayment to Deposit Account No. 50-0892.

AMENDMENT

In the specification:

Please delete the present title and replace with the new title --Human Ion Channel Proteins and Polynucleotides Encoding the Same--.

